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Chlamydia species, human Papillomaviruses, Influenza virus, Paramyxovirus species, Herpes virus, Cytomegalovirus, Varicella-Zoster virus, Epstein-Barr virus, Hepatitis viruses, *Plasmodium* species, *Trichomonas* species, sexually transmitted disease agents, viral encephalitis agents, proto-
zoan disease agents, fungal disease agents, bacterial disease agents, cancer cells, or mixtures thereof.

5. The conjugated system according to claim 1, wherein the conjugated system further comprises:

a targeting agent associated with the conjugated system to direct the antigen to a particular in vivo location.

6. The conjugated system according to claim 5, wherein the targeting agent directs the antigen to a mucosal membrane.

7. The conjugated system according to claim 1, wherein the conjugated system comprises a combination of different antigens.

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8. The conjugated system according to claim 1, wherein the antigen is chemically complexed to an outer surface of the polymerized liposomes.

9. The conjugated system according to claim 8, wherein the antigen is ionically bound to an outer surface of the polymerized liposomes.

10. The conjugated system according to claim 8, wherein the antigen is non-ionically bound to an outer surface of the polymerized liposomes.

11. The conjugated system according to claim 1, wherein the antigen is covalently bound to an outer surface of the polymerized liposomes.

12. The conjugated system according to claim 1, wherein the antigen is attached to reactive head groups of the lipid monomers.

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